

A SYNOPTIC CATALOG OF THE MOSQUITOES OF THE WORLD, SUPPLEMENT I

(DIPTERA: CULICIDAE)¹

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This paper is a supplement to the *Synoptic Catalog of the Mosquitoes of the World* by Stone, Knight, and Starcke (1959). Two classes of entries occur in this supplement. The first comprises corrections of errors in the original catalog—these are marked by a dagger (†). The second contains entries derived from information published or available since 1958 and includes two new names of the genus group, 70 new names of the species group, and new references and additions or corrections to distributional data or type information.

I have followed the order of the original catalog and have not separated corrigenda from addenda. The number to the left indicates the page of the original catalog. Notations in parentheses to "see pages" refer to these page numbers. This treatment is considered to be the most usable since the original catalog can be annotated by supplement number and page if the change is too extensive to mark directly. I am particularly indebted to J. N. Belkin, E. I. Cober, E. Del Ponte, G. B. Fairchild, P. Fauran, E. N. Marks, and P. F. Mattingly for pointing out errors in the catalog.

Introduction

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1. Number of valid genera and subgenera: Change from 110 to 111 †. Number of valid species: Change from 2,426 to 2,428 †. This last figure includes *nomina dubia*. Total names of the species group: Change from 4,067 to 4,070 †. With the additions and corrections in this supplement these numbers become respectively 111, 2,490, and 4,139.

Acknowledgments

8. The name of J. Callot was unfortunately omitted from the original list of those to whom thanks were due †.

Catalog of the Family Culicidae

9. **Biology.**—1960, Nielsen and Haeger, 71-95 (swarming and mating).
General.—1960, Christophers, 1-739 (biol., anat., *Aedes aegypti*).
General Taxonomy.—1959, Foote and Cook: Change "1-159" to "1-158" †.
Australian Region.—1960, Iyengar, 1-102 (South Pacific).
Nearctic Region.—1960, King, Bradley, Smith, and McDuffie, 1-188 (southeastern U. S., keys).
Oriental Region.—1959, Thurman, 1-182 (northern Thailand).
Palaeartic Region.—1958, Kramar, 1-286 (Czechoslovakia); 1959, Senevet and Andarelli, 1-383 (Mediterranean); 1960, Abdel-Malek, 111-128 (Syria, L. key).

¹Reprints are for sale by the Thomas Say Foundation, Entomological Society of America, 4603 Calvert St., College Park, Maryland.

Genus **BIRONELLA** TheobaldSubgenus **BRUGELLA** Edwards

11. *Bironella*, subgenus *Brugella*.—Change "287" to "288" †.

Genus **ANOPHELES** Meigen

Important references: 1959, Hara, 107-119 (key, ♀ terminalia, Japan); 1959, Guy, 1-255 (keys, Morocco); 1959, Vargas, 367-386 (keys, New World); 1960, Otsuru and Ohmori, 33-65 (keys, Japan).

Subgenus **ANOPHELES** Meigen

13. *Important reference:* 1959 Ohmori, 210-225 (key, pupae, Japan).
 14. *algeriensis* Theobald.—Hungary.
annulipalpis Lynch Arribálzaga.—Change "MLP" to "NE."
 16. *claviger* (Meigen).—Tadzhik S.S.R., Hungary.
 17. Insert after line 3.—*bifurcatus* of authors, not Meigen. (This misidentification has been used so commonly that it should have been included here and in the index) †.
 18. *evandroi* Lima.—Argentina.
 20. *hyrcanus* (Pallas).—Hungary.
indiensis Theobald.—Change "*annularis*" to "*sinensis*" †.
 21. *koreicus* Yamada and Watanabe.—Ohmori, 1959, 222 (P*).
lesteri Baisas and Hu.—Ohmori, 1959, 222 (P*).
 22. *lindesayi japonicus* Yamada.—Ohmori, 1959, 222 (P*).
 23. *manalangi* Mendoza.—Philippines.
 1940 Mon. Bull. Bur. Hlth. Philipp., Manila 20(11):368 ♂*, ♀*, L*) [on p. 364 the legends for figures 1 and 2 should be reversed, and on p. 366 the legends for figure 1 should be transposed with that of 2 and that of 3 with that of 4]. Type-loc: J. Panganiban, Camarines Norte, Philippine Islands (LU) †.
minor Lima.—Argentina.
 24. *omorii* Sakakibara.—Japan.
 1959. End. Dis. Bull. Nagasaki Univ. 1: 288 (♂*, ♀*, L*, P*). Type-loc: Mt. Tochu, Misakubo City, Iwatagun, Sizuoka Prefecture, Japan (RIE).
 27. *guttulatus* Harris. This is a *nomen nudum* and should have been on p. 288 with no type-locality †.
 28. *sacharovi*.—Change "Favre" to "Favr" †.
sinensis Wiedemann.—Ohmori, 1959, 221 (P*).
sineroides Yamada.—Ohmori, 1959, 222 (P*).
 29. *vanus* Walker.—Change "1860" to "1859" †.
 30. *yatsushiroensis* Miyazaki.—Ohmori, 1959, 222 (P*).

Subgenus **NYSSORHYNCHUS** Blanchard

- albimanus* Wiedemann.—Change "1821" to "1820" †.
 31. *albitarsis* Lynch Arribálzaga.—Change "LU" to "NE."

Subgenus **CELLIA** Theobald

37. *annularis* Van der Wulp.—Hara, 1959, 110 (♀*).
 39. *balabacensis* Baisas.—Add Formosa †.
brohieri Edwards.—Insert "*theileri* var." after "♀" in first line †.
septentrionalis Evans.—Insert "*theileri* var." after "L" in first line †.

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- brucei** Service.—Nigeria.
1960. Proc. R. Ent. Soc. Lond. (B) 29: 85 (♂*, ♀*, L*, P). Type-loc: Lokoja, N. Nigeria (BM).
41. **dthali** Patton.—French West Africa (Mauretania), Morocco.
42. **farauti** Laveran.—Change "D'Entreeasteau" to "D'Entreeasteaux" †.
43. **flavicosta** Edwards.—Hanney, 1959, 169 (♂*, ♀*, L. P*, biol.). Service, 1960b, 89 (♂, ♀, L, P, taxon.).
44. **funestus** Giles.—Service, 1960a, 77 (♂*, ♀*, E*, taxon.).
44. **garnhami basilewskyi** Leleup.—Change "LU" to "CMT." Leleup, 1960, 402 (♂*, ♀*).
- hancocki** Edwards
var. **gilroyi** Service.—Nigeria.
1960. Proc. R. Ent. Soc. London (B) 29: 87 (♂*, ♀*, L*, P). Type-loc: Itchi, near Enurgu, E. Nigeria (BM).
46. **leucosphyrus** Dönitz.—Delete "Ceylon, India, Burma, Formosa" †
47. **ludlowae** (Theobald).—Hara, 1959, 111 (♀*).
48. **maculatus** Theobald.—Hara, 1959, 111 (♀*).
48. **maliensis** Bailly-Choumara and Adam.—Guinea.
1959. C. R. Acad. Sci. Paris 248: 3742 (♂, ♀, L). Type-loc. Mali, Fouta-Djalou, Guinea (IERT). Bailly-Choumara and Adam 1960, 110 (♂*, ♀*, L*, P*).
49. **minimus** Theobald.—Hara, 1959, 110 (♀*).
50. **natalensis** var. **multicinctus** Edwards.—Cameroun.
52. **rhodesiensis** Theobald.—Cameroun.
ssp. **rupicolus** Lewis—Algeria. Senevet, Clastrier, and Andarelli, 1959, 596 (P*).
54. **sergentii macmahoni** Evans.—Algeria.
splendidus Koizumi.—Hara, 1959, 111 (♀*).
55. **squamosus** var. **cydippis** De Meillon.—Cameroun.
subpictus Grassi.—Hara, 1959, 111 (♀*);
var. **malayensis** Hacker.—Reid, 1959, 101 (L).
sundaicus (Rodenwaldt).—Reid, 1959, 101 (L).
56. **tessellatus** Theobald.—Hara, 1959, 112 (♀*).
58. **vanthieli** Laarman.—Laarman, 1959, 147 (♂*, ♀*, L*, P*).

Genus TOXORHYNCHITES Theobald

Subgenus ANKYLORHYNCHUS Lutz

59. **Ankylorhynchus** Lutz.—The type of this subgenus should be considered as *Megarhinus purpureus* Theobald (= *Culex violaceus* of authors, not Wiedemann) †. Although this is basing a genus in a misidentified species, it seems preferable to equating *Ankylorhynchus* with *Lynchiella* Lahille (which involves a problem of dating) and proposing a new name for the genus actually described by Lutz. Action by the I.C.Z.N. should be requested.
- trichopygus** (Wiedemann).—French Guiana.

Subgenus LYNCHIELLA Lahille

60. **haemorrhoidalis separatus** (Lynch Arribáizaga).—Change "MLP to "NE."
- haemorrhoidalis superbus** (Dyar and Knab).—French Guiana.
61. **violaceus** (Wiedemann).—Change "1821" to "1820."

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Subgenus **TOXORHYNCHITES** Theobald

62. **bicklei** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 14 (♂). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
- brevipalpis** Theobald.—Add Samoa †.
64. **manopi** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 16 (♂). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
65. **immisericors** Walker.—Change “1860” to “1859” †.
sunthorni Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 19 (♂). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).

Genus **TRIPTEROIDES** Giles

Important references.—Change “1952” to “1953” †. 1959, Peters, 135-154 (keys, New Guinea).

Subgenus **TRIPTEROIDES** Giles

66. **aeneus** (Edwards).—Thurman, 1959, 34 (♂*);
alboscuteallatus Lee.—Peters, 1959, 135 (P*);
antennalis Bohart and Farner and **apoensis** Baisas and Ubaldo-Pagayon.—Change “1952” to “1953” †.
aranoides (Theobald).—Thurman, 1959, 30 (A, L*, P);
var. **serratus** (Barraud).—Thailand.
67. **barraudi** Baisas and Ubaldo-Pagayon, **christophersi** Baisas and Ubaldo-Pagayon, **claggi** Bohart and Farner, **delpilari** Baisas and Ubaldo-Pagayon, **dyari** Bohart and Farner, and **dyi**. Baisas and Ubaldo-Pagayon.—Change “1952” to “1953” †.
bimaculipes (Theobald).—Change “(NE)” to “(? BM).”
caeruleocephalus (Leicester).—Thailand. Thurman, 1959, 34 (A, L*, P*);
68. **erlindae** Baisas and Ubaldo-Pagayon, **hoogstraali** Baisas, **indeterminatus** Baisas and Ubaldo-Pagayon, **intermediatus** Baisas and Ubaldo-Pagayon, **knighti** Baisas and Ubaldo-Pagayon, **malvari** Baisas and Ubaldo-Pagayon, **microcala** (Dyar), and **monetifer** (Dyar).—Change “1952” to “1953” †.
hybridus (Leicester).—Thurman, 1959, 35 (♂*);
indicus (Barraud).—Thailand. Thurman, 1959, 33 (♂*, L*, P; to sp. status).
69. **nepenthicola** (Banks), **nitidoventer** (Giles), **powelli** (Ludlow), ssp. **escodae** Baisas and Ubaldo-Pagayon, ssp. **laffooni** Baisas and Ubaldo-Pagayon, ssp. **mattinglyi** Baisas and Ubaldo-Pagayon, and **roxasi** Baisas and Ubaldo-Pagayon.—Change “1952” to “1953” †.
powelli (Ludlow).—Thailand. Thurman, 1959, 32 (♂*, L*, P);
powelli indicus (Barraud).—Transfer to p. 68 as full species.
purpuratus (Edwards).—Delete “? New Guinea, ? Mariana Islands (Guam)” †.
quasiornatus (Taylor).—Peters, 1959, 136 (P*);

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70. **rozeboomi** Baisas and Ubaldo-Pagayon, **simulatus** Baisas and Ubaldo-Pagayon, **sullivananae** Baisas and Ubaldo-Pagayon, **toffalettii** Baisas and Ubaldo-Pagayon, **uichancoi** Baisas and Ubaldo-Pagayon, and **wernerii** Baisas and Ubaldo-Pagayon.—Change "1952" to "1953" †.

Subgenus **RACHISOURA** Theobald

Important reference: Assem, 1959, 35-55 (biol., New Guinea).

adentata Assem.—New Guinea.

1959. Tijdschr. Ent. 102: 48 (♂*, ♀ L*). Type-loc: Cyclops Mountains, near Ifar, New Guinea (LM).

bisquamatus Lee.—Peters, 1959, 137 (P*). Assem, 1959, 41, 50 (♀, L*, biol.).

brevirhynchus Brug.—Peters, 1959, 140 (P*).

cuttsi Assem.—New Guinea.

1959. Tijdschr. Ent. 102: 46 (♂*, ♀, L*). Type-loc: Homejo, Kemabu Valley, New Guinea (LM).

filipes (Walker).—Peters, 1959, 139 (P*). Assem, 1959, 37 (♂*, ♀).

71. **flabelliger** Bonne-Wepster.—Assem, 1959, 38 (♂*, L*).

fuscipleura Lee.—Peters, 1959, 145 (P*).

kingi Lee.—Assem, 1959, 45 (♂*, L*).

leei Peters.—New Guinea.

1959. Proc. R. ent. Soc. Lond. (B) 28: 141 (♂* ♀, L*, P*). Type-loc: Maprik, Sepik District, New Guinea (CSIR).

longipalpatus Lee.—Peters, 1959, 144 (L*, P*). Assem, 1959, 40 (♀, L*).

mabinii Baisas and Ubaldo-Pagayon.—Change "1952" to "1953" †.

plumiger Bonne-Wepster.—Peters, 1959, 146 (♂*, L*, P*).

vanleeuweni (Edwards).—Assem, 1959, 45 (♂*, ♀, L*).

Subgenus **POLYLEPIDOMYIA** Theobald

72. **ater** (Taylor).—Place with its synonym *brugi* Edwards as synonyms of *argenteiventris* (Theobald). See Stone, 1957, 174 †.

caledonicus (Edwards).—Delete "New Hebrides" †.

microlepis (Edwards).—Assem, 1960, 13 (♂*, L*).

73. **standfasti** Peters.—New Guinea.

1959. Proc. R. ent. Soc. Lond. (B) 28: (♂*, ♀, L*, P*).

Type-loc: Maprik, Sepik District, New Guinea (CSIR).

subobscurus Lee.—Delete "New Guinea" †.

Genus **TRICHOPROSOPON** Theobald

Subgenus **TRICHOPROSOPON** Theobald

compressum Lutz.—French Guiana.

74. **soaresi** Lane and Cerqueira.—French Guiana.

Subgenus **SHANNONIANA** Lane and Cerqueira

75. **schedocyclium** (Dyar and Knab).—French Guiana.

Subgenus **RUNCHOMYIA** Theobald

76. **leucopus** (Dyar and Knab).—French Guiana.

77. **pallidiventer** (Lutz).—French Guiana.

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Genus **WYEOMYIA** TheobaldSubgenus **WYEOMYIA** Theobald

- 79.
- medicopalipes**
- Lutz.—Surinam, British Guiana, French Guiana.

Subgenus **DENDROMYIA** Theobald

84. **bourrouli** (Lutz).—Surinam.
clasoleuca Dyar and Knab.—French Guiana.
 85. **confusa** (Lutz).—French Guiana.
 86. **luteoventralis** Theobald.—French Guiana.
moerbista (Dyar and Knab).—Surinam.
mystes Dyar.—French Guiana.
 87. **surinamensis** Bruijning.—Surinam.
 1959. Stud. Fauna Suriname Guyanas 3: 135 (♂*);
 Type-loc: Ornamibo, Surinam (LM).
 88. **ulocoma** (Theobald).—French Guiana.
ypsipola Dyar.—Surinam.

Genus **PHONIOMYIA** Theobald

- 90.
- splendida**
- (Bonne-Wepster and Bonne).—French Guiana.

Genus **LIMATUS** Theobald

- asulleptus**
- (Theobald).—French Guiana.

Genus **SABETHES** Robineau-DesvoidySubgenus **SABETHES** Robineau-Desvoidy

92. **cyaneus** (Fabricius).—French Guiana.
purpureus (Theobald).—French Guiana.
tarsopus Dyar and Knab.—French Guiana.

Subgenus **SABETHINUS** Lutz

93. **identicus** Dyar and Knab.—French Guiana.
intermedius (Lutz).—French Guiana.
 94. **undosus** (Coquillett).—French Guiana.

Genus **MALAYA** Leicester

- genurostris** Leicester.—Thurman, 1959, 49 (♂*, L).
jacobsoni (Edwards).—Thurman, 1959, 50 (♂*, L).

Genus **TOPOMYIA** LeicesterSubgenus **TOPOMYIA** Leicester

95. The subgenus *Suaymyia* has been proposed (See p. 96, below) and the following species placed in it: *argenteoventralis* Leicester, *auriceps* Brug, *decorabilis* Leicester, *houghtoni* Feng, and *imitata* Baisas. The remaining species form the typical subgenus.
aenea Thurman.—Thailand.
 1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 39
 (♂*, ♀). Type-loc: Ngao, Lampang Province, Thailand (USNM).
 96. **imitatus** Baisas.—Change to **imitata** †.
inclinata Thurman.—Thailand.
 1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 41
 (♂*). Type-loc: Buker Cabin Area, Doi Sutep, Chiangmai Province, Thailand (USNM).

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- lindsayi** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 42 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
- svastii** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 43 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
- unispinosa** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 44 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).

Subgenus SUAYMYIA Thurman

- Topomyia**, subgenus **Suaymyia** Thurman 1959, Univ. Maryland Agr. Expt. Sta. Bull. A-100: 44. Orthotype: *cristata* Thurman.
- argenteoventralis** Leicester.—Thurman, 1959, 45 (to subg. *Suaymyia*).
- auriceps** Brug.—Thurman, 1959, 45 (to subg. *Suaymyia*).
- cristata** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 46 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
- decorabilis** Leicester.—Thurman, 1959, 45 (to subg. *Suaymyia*).
- houghtoni** Feng.—Thurman, 1959, 45 (to subg. *Suaymyia*).
- imitata** Baisas.—Thurman, 1959, 45 (to subg. *Suaymyia*).
- leucotarsis** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 47 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).
- papuensis** Marks.—New Guinea.
1960. Pacific Ins. 2: 91 (δ^* , ♀ , L*, P*). Type-loc: Koipa, 4-5 miles from Saiho ($8^\circ 50' \text{ S.}$, $148^\circ 05' \text{ E}$) on the Popondetta road, Northern District, Papua (UQ).
- pseudoleucotarsis** Thurman.—Thailand.
1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 48 (δ^*). Type-loc: Doi Sutep, Chiangmai Province, Thailand (USNM).

Genus FICALBIA Theobald

Subgenus MIMOMYIA Theobald

98. **chamberlaini** (Ludlow).—India. Menon and Tampi, 1959, 13 (E*).
- hispidata** (Theobald).—Natal.
99. **plumosa** Theobald.—Natal.

Genus MANSONIA Blanchard

Subgenus MANSONIOIDES Theobald

104. **Mansonioides** Theobald.—Change "*septemgutta*" to "*septemguttata*" †.
- africana** (Theobald).—Delete "? New Guinea" †. Laurence, 1960, 491 (biol.).
105. **uniformis** (Theobald).—Laurence, 1960, 491 (biol.).

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Subgenus **MANSONIA** Blanchard

106. *humeralis* Dyar and Knab.—French Guiana.
pseudotitillans (Theobald).—French Guiana.

Subgenus **RHYNCHOTAENIA** Brèthes

107. *arribalzagai* (Theobald).—French Guiana.
fasciolata (Lynch Arribálzaga).—Change “MLP” to “NE.”

Genus **URANOTAENIA** Lynch Arribálzaga

108. *Pseudofcalbia* Theobald.—Change “Edwards 1932a: 96” to “Howard, Dyar, and Knab 1917: 899” †
albescens Taylor.—Delete “Solomon Islands” †.
 109. *argyrotarsis* Leicester.—Delete “Solomon Islands” †.
 111. *candidipes* Edwards.—Since *nivipous* and *nivipes* are not homonymous, the correct name for this species is *nivipous* and *candidipes* falls as a synonym (See *nivipous*, p. 117, below) †.
 112. *colocasiae* Edwards.—Delete “? Mariana Islands” †.
 114. *leucoptera* (Theobald).—French Guiana.
 116. *nataliae* Lynch Arribálzaga.—Delete “MLP.” French Guiana.
 117. *albofasciata* Taylor.—Change “(LU)” to “(SAM)” †.
nivipous Theobald.—Insert, with *candidipes* Edwards as a synonym. (See *candidipes*, p. 111, above) †.
 118. *pulcherrima* Lynch Arribálzaga.—Change “MLP” to “NE.”
quadrimaculata Edwards.—Delete “Bismarck Archipelago” and “New Guinea” †.
 119. *socialis* Theobald.—French Guiana.
 120. *unguiculata* Edwards.—Senevet and Andarelli, 1959, 222 (♂, ♀, L*, P*).
ssp. pefflyi Stone.—Arabia.
 1961 (1960). Proc. ent. Soc. Wash. 62: 249 (♂, ♀).
 Type-loc: Qatif Oasis, Al Hasa Province, Saudi Arabia (USNM).

Genus **HODGESIA** Theobald

121. *lampangensis* Thurman.—Thailand.
 1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 52 (♂*, L*, P*). Type-loc: Ngao, Lampang Province, Thailand (USNM).
malayi Leicester.—Thailand.

Genus **ORTHOPODOMYIA** Theobald

122. *andamanensis* Barraud.—Thailand.
 123. *kummi* Edwards.—United States (Arizona).
lemmonae Thurman.—Thailand.
 1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 58 (L*). Type-loc: Doi Chom Cheng of Doi Sutep Range, Chiangmai Province, Thailand (USNM).

Genus **AEDEOMYIA** Theobald

125. *squamipennis* (Lynch Arribálzaga).—Change “MLP” to “NE.”

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Genus PSOROPHORA Robineau-Desvoidy**Subgenus PSOROPHORA Robineau-Desvoidy***ciliata* (Fabricius).—French Guiana.*molestus* Wiedemann.—Change "1821" to "1820" †.

- 126.
- holmbergii*
- Lynch Arribálzaga.—Change "MLP" to "NE." †.

lineata (Humboldt).—French Guiana.**Subgenus JANTHINOSOMA Lynch Arribálzaga***amazonica* Cerqueira.—Brazil.

1960. Bol. Mus. Goeldi, Zool. 26: 1 (♂*, ♀, L*, P*).

Type-loc: Igarapé do Tarumã, Manaus, Amazonas, Brazil (INPA).

- 127.
- circumflava*
- Cerqueira.—Brazil. Cerqueira, 1960, 5 (♂*).

oblita Lynch Arribálzaga.—Change "MLP" to "NE."**Subgenus GRABHAMIA Theobald**

- 129.
- confinnis*
- (Lynch Arribálzaga).—Change "MLP" to "NE."

- 131.
- varinervis*
- Edwards.—Martinez, Prosen and Carevallo, 1959, 115 (♂*).

Genus HEIZMANNIA Ludlow

- 132.
- mattinglyi*
- Thurman.—Thailand.

1959. Univ. Maryland Agr. Expt. Sta. Bull. A-100: 70 (♀). Type-loc: Rong Kwang, Prae Province, Thailand (USNM).

metallica (Leicester).—Thailand.**Genus UDAYA Thurman***argyrurus* (Edwards).—Maedonald and Mattingly, 1960, 26 (L*, P*).*lucaris* Maedonald and Mattingly.—Malaya.

1960. Proc. R. ent. Soc. London (B) 29: 22 (♂*, ♀, L*, P*). Type-loc: Ulu Gombak Forest Reserve, Selangor, Malaya (BM).

Genus ERETMAPODITES Theobald

- 133.
- leucopus*
- Graham.—Change to
- leucopous*
- , the original spelling, which should have been retained. Delete "as
- leucopous*
- " †.

- 134.
- melanopus*
- Graham.—Change to
- melanopous*
- , the original spelling, which should have been retained. Delete "as
- melanopous*
- " †.

oedipodius Graham.—Change to *oidipodeios*, the original spelling, which should have been retained. Delete "as *oidipodeios*" †.*semisimplicipes* Edwards.—Cameroun.**Genus AEDES Meigen**

- 135.
- Important references*
- : 1959, Mattingly, 1-61 (keys, subgenera
- Skusea*
- ,
- Diceromyia*
- ,
- Geoskusea*
- , and
- Christophersomyia*
- , Indomalayan Area); 1959, Hedeon, 179-183 (larval key, France); 1960, Price, 544-560, (first instar L. key, Minnesota).

Subgenus MUCIDUS Theobald

- 136.
- aurantius quadripunctis*
- (Ludlow).—After Bohart 1945, 55, change "ssp." to "sp." †.

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laniger (Wiedemann).—Change “1821” to “1820” †
lucianus Muspratt.—Natal.

1959. J. ent. Soc. S. Afr. 22: 64 (♂*, ♀*). Type-loc:
 Meanduzi, w. side of Lake St. Lucia, Zululand, Natal
 (SAIM).

Subgenus **OCHLEROTATUS** Lynch Arribálzaga

138. *albirostris* (Macquart).—Correct type locality from Akaroa (not D'Akaroa †) to New South Wales. Transfer to synonymy under *vigilar* (Skuse) under pending Suspension of Rules (See p. 157 below). Transfer Edwards' 1924 reference to *subalbirostris* Klein and Marks (See p. 155 below).
andersoni Edwards.—Dobrotworsky, 1960, 68 (♂*, ♀, L*, P*).
annulipes (Meigen).—Yugoslavia.
139. *atlanticus* Dyar and Knab.—Craig and Horsfall, 1960, 17 (E*).
barri Rueger.—Price, 1960, 550 (1st instar L*).
bejaranoi Martinez, Carevallo and Prosen.—Bolivia.
 1960. Rev. Cát. Microbiol. y Parasitol. 28(89): 26 (♂, ♀). Type-loc: Yungas del Palmar, Chapare Prov., Cochabamba Dept., Bolivia (A. Martínez).
140. *camptorhynchus* (Thomson).—Dobrotworsky, 1960, 63 (♂*, ♀, L*).
canadensis (Theobald).—Price, 1960, 550 (1st instar L*).
141. *cantator* (Coquillett).—Craig and Horsfall, 1960, 17 (E*).
142. *cataphylla* Dyar.—China.
clelandi (Taylor).—Dobrotworsky, 1960, 185 (♂*, ♀*, L*, P*).
communis (De Geer).—China. Price, 1960, 552 (1st instar L*).
143. *continentalis* Dobrotworsky.—Australia.
 1960. Proc. Linn. Soc. N. S. W. 85: 71 (♂*, ♀, L*, P*).
 Type-loc: Carpendeit, Victoria, Australia (NMM).
crinifer (Theobald).—French Guiana.
cunabulanus Edwards.—Dobrotworsky, 1960, 65 (♂* ♀, L*, P*).
cyprius Ludlow.—China.
144. *diantaeus* Howard, Dyar and Knab.—China. Price, 1960, 552 (1st instar L*).
dorsalis (Meigen).—Price, 1960, 554 (1st instar L*).
145. *excrucians* (Walker).—Price, 1960, 548 (1st instar L*).
fitchii (Felt and Young).—Price, 1960, 552 (1st instar L*).
146. *flavifrons* (Skuse).—Dobrotworsky, 1960 180 (♂*, ♀*, L*, P*).
variegatus Strickland.—Insert “*vandema* var.” after “*Culicada*” †.
hesperonotius Marks.—Western Australia.
 1959. Pap. Dept. Ent. Univ. Qd 1: 131 (♀). Type-loc:
 2 mi. ne. Bullsbrook, Western Australia, Australia
 (CSIR).
147. *hexodontus* Dyar.—Japan. Suzuki, 1959, 291 (♂*, ♀*, L*, P*).
hodgkini Marks.—Western Australia.
 1959. Pap. Dept. Ent. Univ. Qd 1: 112 (♂*, ♀, L*, P*).
 Type-loc: Woodanilling, 94 mi. n. Albany, Western
 Australia, Australia (CSIR).
idahoensis (Theobald).—Remove to position as subspecies of *spencerii*
 (Theobald) (See p. 154 below).
inexpectatus Bonne-Wepster.—Insert from p. 193 (see below). Marks,
 1957, 72 †.
infirmatus Dyar and Knab.—Craig and Horsfall, 1960, 17 (E*).

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 148. **intrudens** Dyar.—Japan. Suzuki, 1959, 293 (δ^* , ♀^* , L^* , P^*). Price, 1960, 554 (1st instar L^*).
luteifemur Edwards.—Dobrotworsky, 1960, 54 (δ^* , ♀^* , L^* , P^*).
macintoshi Marks.—Western Australia. 1959. Pap. Dept. Ent. Univ. Qd 1: 117 (δ^* , ♀^* , L^* , P^*). Type-loc: Albany, Western Australia, Australia (CSIR).
macleayanus Mackerras.—Place as synonym under *nigrithorax* (Macquart) (See p. 149, below).
 149. **mittchellae** (Dyar).—Craig and Horsfall, 1960, 16 (E^*).
nigrinus (Eckstein).—Hungary.
nigrithorax (Macquart).—Marks, 1960, 117 (δ^* , ♀^* , syn.).
macleayanus Mackerras, 1927. (See p. 148, above).
nigromaculis (Ludlow).—Price, 1960, 556 (1st instar L^*).
nivalis Edwards.—Change "Mt. Wellington, Tasmania" to "Marysville, Victoria" †. Dobrotworsky, 1960, 60 (δ^* , ♀^* , L^* , P^*).
 150. **perventor** Cerqueira and Costa.—Forattini, 1959, 177 (P^*).
procax Skuse.—Klein and Marks, 1960, 112 (*rubrithorax* of authors, not Macquart; resurrected from synonymy).
 151. **punctor** (Kirby).—Price, 1960, 556 (1st instar L^*).
purpureifemur Marks.—Western Australia. 1959. Pap. Dept. Ent. Univ. Qd 1: 132 (♀). Type-loc: Forrestdale, 15 mi. se. Perth, Western Australia, Australia (CSIR).
 152. **purpuriventris** Edwards.—Dobrotworsky, 1960, 183 (δ^* , ♀^* , L^* , P^*).
ratcliffei Marks.—Western Australia. 1959. Pap. Dept. Ent. Univ. Qd 1: 123 (δ^* , ♀^* , L^* , P^*). Type-loc: Guangara, 12 mi. n. Perth, Western Australia, Australia (CSIR).
rubrithorax (Macquart).—Transfer to subgenus *Finlaya* (See p. 170 below); *procax* validated as shown above.
 153. **confirmatus** Lynch Arribázaga.—Change "MLP" to "NE."
 154. **silvestris** Dobrotworsky.—Australia. 1961 (1960). Proc. ent. Soc. Wash. 62: 248 (*nom. nov.* for *waterhousei* Dobrotworsky, *non* Theobald; *Culex*).
waterhousei Dobrotworsky, 1960. Proc. Linn. Soc. N.S.W. 85: 57 (δ^* , ♀^* , L^* , P^*). Type-loc: Wattle Glen, Victoria (NMM).
sollicitans (Walker).—Craig and Horsfall, 1960, 16 (E^*).
spencerii (Theobald).—Nielsen and Rees, 1959, 46.
 ssp. **idahoensis** (Theobald). Nielsen and Rees, 1959, 146 (?spp.).
sticticus (Meigen).—Price, 1960, 557 (1st instar L^*).
 155. **stigmaticus** Edwards.—Martinez, Prosen and Carcavallo, 1959, 112 (δ^*).
stimulus (Walker).—Price, 1960, 557 (1st instar L^*).
subalbirostris Klein and Marks.—New Zealand. 1960. Proc. Linn. Soc. N.S.W. 85: 115 (♀). Type-loc: Invercargill, New Zealand. Edwards, 1924, 375 (♀ ; as *albirostris* Macquart).
taeniorhynchus (Wiedemann).—Forattini, 1958, 176 (P^*). Craig and Horsfall, 1960, 16 (E^*).
 156. **thibaulti** Dyar and Knab.—Craig and Horsfall, 1960, 17 (E^*).
trichurus (Dyar).—Price, 1960, 557 (1st instar L^*).
trivittatus (Coquillett).—Price, 1960, 558 (1st instar L^*).

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157. **varipalpus** (Coquillett).—Utah.
vigilax (Skuse).—Klein and Marks, 115.
albirostris (Macquart).—Klein and Marks, 1960, 112 (♀*;
 syn. under pending Suspension of Rules).
vigilax vansomeranae.—Delete "and Brown." Insert after 1955, "In
 Mattingly and Brown" †.
- Subgenus FINLAYA Theobald**
- Important reference*: 1959, Colless, 166-179, (key *niveus* sub-
 group).
158. **alboannulatus** (Macquart).—Dobrotworsky, 1959, 132 (♂*, ♀, L*,
 E*);
albocinctus (Barraud).—Rynkyn Retto.
albolateralis (Theobald).—Colless, 1959, 173 (♀, ♂, L).
 159. **argyrothorax** Bonne-Wepster and Bonne.—French Guiana.
atropalpus (Coquillett).—Craig and Horsfall, 1960, 14 (E*). Price,
 1960, 550 (1st instar L*);
 160. **bunanoki** Sasa and Ishimura.—Korea.
christophersi Edwards.—Japan.
 163. **hendersoni** Cockerell.—Montana to Texas. Breland, 1960, 601 (♂, ♀*,
 L*; to sp. status, resurrected from synonymy).
 164. **knighti** Stone and Bohart.—Change "Rendova Islands" to "Rendova
 Island" †.
 165. **kochi** (Dönitz).—Delete "? Solomon Islands" †.
koreicus (Edwards).—Maritime Province, U.S.S.R.
leucocelaenus Dyar and Shannon.—French Guiana.
 167. **niveoides** Barraud.—Colless, 1959, 175 (♀, ♂, L).
niveus (Ludlow).—Feng, 1938, 512 (♂*, ♀*, L*) †.
 168. **novoniveus** Barraud.—Colless, 1959, 174 (♀, ♂, L).
similis, queenslandis, demansis, cumpstoni, hybrida.—Transfer to p.
 170 as synonyms of *rubrithorax*.
oreophilus (Edwards).—Japan.
 169. **plagosus** Marks.—New South Wales.
 1959. Proc. roy. Soc. Qd 70: 21 (♀*). Type-loc: Ben
 Lomond, 35 mi. n. of Armidale, New South Wales, Aus-
 tralia (CSIR).
poecilus (Theobald).—Change to **poicilius**, the original spelling,
 which should have been retained. Delete "as" and
 "*poicilia*, emend. by Barraud 1934, 157" †.
pseudoniveus (Theobald).—Colless, 1959, 169 (♀, ♂, L).
 170. **quinclineatus** Edwards.—Marks, 1959, 23 (♂*).
rubrithorax (Macquart).—Dobrotworsky, 1959, 134 (♂*, ♀, L*, E*;
 as *queenslandis*). Klein and Marks, 1960, 109 (♀*; trans.
 from subg. *Ochlerotatus*; syn.).
similis Strickland, *queenslandis* Strickland, *demansis* Strick-
 land, *cumpstoni* Taylor, and *hybrida* Taylor transferred
 from synonymy under *occidentalis* (Skuse) (See p. 168
 above).
rupestris Dobrotworsky.—Australia.
 1959. Proc. Linn. Soc. N.S.W. 84: 136 (♂*, ♀, L*, P*,
 E*). Type-loc: Lorne, Victoria, Australia (NMM).
seoulensis Yamada.—Feng, 1938, 516 (♂*, ♀*, E*, L*) †.
 171. **subniveus** Edwards.—Colless, 1959, 171 (♀, ♂, L).

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172. **togoi** (Theobald).—Change “Yamguti” (Line 5) to “Yamaguti” †.
 Bullock, 1960, 167 (E*).
- triseriatus** (Say).—Price, 1960, 558 (1st instar L*). Change distribution to: Eastern Canada and United States west to British Columbia and Texas; Mexico.
- hendersoni* Cockerell. To valid species (See p. 163 above).
- tubbutiensis** Dobrotworsky.—Australia.
 1959. Proc. Linn. Soc. N.S.W. 84: 139 (♂* ♀, L*, P*);
 Type-loc: Tubbut, E. Gippsland, Victoria, Australia (NMM).

Subgenus MACLEAYA Theobald

175. **doddi** Taylor.—Change “Hikinumu” to “Itikinumu” †.

Subgenus SKUSEA Theobald

176. **amesii** (Ludlow).—Mattingly, 1959, 25 (♂*, ♀*, L*, P*);
celebicus Mattingly.—Celebes.
 1959. Cul. Mosq. Indomalayan Area 4: 32 (♂*). Type-loc: Dongkala, Kabaena, Celebes, Indonesia (BM).
- fumidus** Edwards.—Mattingly, 1959, 29 (♂*, ♀*, L*, P*).

Subgenus CHRISTOPHERSIOMYIA Barraud

177. **gombakensis** Mattingly.—Malaya.
 1959. Cul. Mosq. Indomalayan Area 4: 56 (♂*, ♀*, L*, P*); Type-loc: 16th mile, Ulu Gombak, Selangor, Malaya (BM).

Subgenus GEOSKUSEA Edwards

- baisasi** Knight and Hull.—Mattingly, 1959, 50 (♂*, ♀*);
kabaensis Brug.—Mattingly, 1959, 48 (♂*, ♀*, L*, P*).

Subgenus ALANSTONEA Mattingly

178. **Aedes**, subgenus **Alanstonea** Mattingly 1960, Proc. R. ent. Soc. Lond. (B) 29: 170. Orthotype: *Scutomyia treubi* De Meijere.
 Two species, *brevitibia* (Edwards) and *treubi* (Meijere) are transferred to this new subgenus from the subgenus *Stegomyia* (See pp. 182 and 188 below).

Subgenus STEGOMYIA Theobald

- aegypti** (Linnaeus).—Craig and Horsfall, 1960, 13 (E*). Christophers, 1960, 1-739 (biol., anat.).
180. **albolineatus** (Theobald).—Delete “Ogasawara Gunto” and “Hawaiian Islands” †.
- albopictus** (Skuse).—Delete “New Guinea” †. Bullock, 1960, 167 (E*).
181. **aurotaeniatus** Edwards.—Change “Philippines” to “Philippines” †.
182. **brevitibia** (Edwards).—Change “*Armigres*” to “*Armigeres*” †. Transfer to subgenus *Alanstonea*. Mattingly, 1960, 170 (See p. 178 above).
- chemulpoensis** Yamada.—Feng, 1938, 506 (♂*, ♀*, E*, L*) †. Bullock, 1960, 167 (E*).
183. **edwardsi** var. **tulagensis** Edwards.—Type locality should be only Tulagi Hospital, Santa Cruz Islands †.
- flavopictus** Yamada.—Delete “India, Pakistan” and “Barraud, 1934, 239 (♂*, ♀, L*)” †.
- galloisi** Yamada.—Maritime Province, U.S.S.R.

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184. **hensilli** Farner.—Singapore †.
impatibilis (Walker).—Change "1860" to "1859" †.
186. **patriciae** Mattingly.—Barraud, 1934, 239 (δ^* , φ , L*; as *flaropictus* Yamada †.
pseudalbopictus (Borel).—Delete "New Caledonia" †.
187. **scutellaris** (Walker).—Delete "Hainan Island" †.
188. **treubi** (Meijere).—Thailand. Bonne-Wepster and Brug, 1932, 109 (to *Aedes*, subgenus *Stegomyia*) †. Transfer to subgenus *Alanstonea*. Mattingly, 1960, 170 (See p. 178 above).

Subgenus **AEDIMORPHUS** Theobald

189. **Aedimorphus** Theobald.—Insert after 290 "(July)" †.
190. **bedfordi** Edwards.—Muspratt, 1959, 67 (δ^*).
193. **inexpectatus** Bonne-Wepster. Transfer to subgenus *Ochlerotatus* (See p. 147 above) †.
lamborni Edwards.—Cameroun.
194. **lokojoensis** Service.—Nigeria.
 1959. Rev. Zool. Bot. afr. 59: 244 (δ^* , L, P). Type-loc: Lokoja, Northern Nigeria (BM).
mansouri Qutubuddin.—Sudan.
 1959. Ann. Mag. Nat. Hist. 2: 21 (φ , δ^*). Type-loc: Juba, Sudan Republic (BM).
195. **ochraceus** (Theobald).—Qutubuddin, 1959, 22 (δ^*).
ovazzai Hamon and Adam.—French West Africa.
 1959. Bull. Soc. Pat. exot. 52: 147 (δ^*). Type-loc: Adiopodoumé (Abidjan), Ivory Coast, French West Africa (IERT).
196. **pseudotarsalis** Someren.—Cameroun.
 Yamada) †.
rickenbachi Hamon and Adam.—French West Africa.
 1959. Bull. Soc. Pat. exot. 52: 151 (δ^*). Type-loc: Tiébissou, Ivory Coast, French West Africa (IERT).
198. **vexans** (Meigen).—Price, 1960, 560 (1st instar L*^{*}).
vexans nocturnus (Theobald).—Delete Australia †.
199. **wendyae** Service.—Nigeria.
 1959. Proc. R. ent. Soc. London (B) 28: 73 (δ^* , φ , L*, P). Type-loc: Iarodu, near Lagos, S. Nigeria (BM) Service, 1960, 90 (lectotype).

Subgenus **NEOMELANICONION** Newstead

200. **aurovenatus** Worth.—South Africa.
 1960. J. ent. Soc. S. Afr. 23:312 (φ). Type-loc: Nduma, Tongaland, n. Natal, South Africa (SAIM).
201. **linealis** Taylor.—Change "10" to "17" †.

Subgenus **DICEROMYIA** Theobald

202. **fascipalpis** (Edwards).—Natal. Muspratt, 1959, 70 (δ^*).
franciscoi Mattingly.—Singapore, Malaya.
 1959 Cul. Mosq. Indomalayan Area 4: 42 (δ , φ^* L, P). Type-loc: P. Blakang Mati, Singapore (BM).
iyengari Edwards.—Mattingly, 1959, 38 (δ^* , φ^* , L*, P).
platylepidus Knight and Hull.—Mattingly, 1959, 41 (φ ; to subgenus *Diceromyia*) (See p. 211, below).

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Subgenus **AEDES** Meigen

205. **cinereus** Meigen.—Price, 1960, 551 (1st instar L*
 206. **esoensis** Yamada.—Korea.
 208. **rossicus** Dolbeskin, Gorickaja, and Mitrofanova.—Japan.
 209. **varietas** (Leicester).—Change "type ♀" to "♀ ♀ of type series" †.

Subgenus **LEPTOSOMATOMYIA** Theobald

211. **variepictus** King and Hoogstraal.—Delete Peters' reference since this was a misidentification.

Subgenus **Uncertain**

- platylepidus** Knight and Hull.—Transfer to subgenus *Diceromyia* (See p. 202, above).

Genus **ARMIGERES** Theobald

Important reference: Thurman, 1959, 76-106 (keys).

Subgenus **ARMIGERES** Theobald

212. **aureolineatus** (Leicester).—Thurman, 1959, 83 (♂*, L).
 213. **jugraensis** (Leicester).—Thurman, 1959, 86 (♂*, L).
malayi (Theobald).—Thurman, 1959, 88 (♂*, L*, P*
 214. **theobaldi** Barraud.—Thailand.

Subgenus **LEICESTERIA** Theobald

Leicesteriomyia Brunetti.—Maedonald, 1960, 112 (syn.)

Chaetomyia Leicester.

Important reference: Maedonald, 1960, 110-153 (revision, ecology).

- annulipalpis** (Theobald).—Maedonald, 1960, 134 (♂*, ♀, L).
annularis (Leicester).—Maedonald, 1960, 119 (♂* ♀, L)
balteatus Maedonald.—Thailand, Malaya, Sumatra, Borneo.
 1960. Stud. Inst. med. Res. Malaya 29: 128 (♂* ♀, L*
 Type-loc: Ulu Gombak, Selangor, Malaya (BM).
cingulatus (Leicester).—Synonymize under *longipalpis* (See below) but transfer Edwards' reference to *balteatus* (See above).
dentatus Barraud.—Thailand. Maedonald, 1960, 124 (♂*, ♀, L*
digitatus (Edwards).—Maedonald, 1960, 130 (♂*, ♀*, L*
dolichocephalus (Leicester).—Thailand. Thurman, 1959 (♂*). Maedonald, 1960, 121 (♂*, ♀, L*
flavus (Leicester).—Transfer from subgenus *Leicesteriomyia*, p. 215. Maedonald, 1960, 116 (♂*, ♀, L).
inchoatus Barraud.—Maedonald, 1960, 122 (♂*, ♀, L).
longipalpis (Leicester).—Thailand, Indochina, Boeton. Maedonald, 1960, 126 (♂*, ♀, L).
cingulata Leicester.—Maedonald, 1960, 126 (syn.).
magnus (Theobald).—Maedonald, 1960, 117 (♂*, ♀, L).
 215. **omissus** (Edwards).—Thailand, Maedonald, 1960, 126 (♂*, ♀, L*
pectinatus (Edwards).—Maedonald, 1960, 123 (♂*, ♀, L*
pendulus (Edwards).—Maedonald, 1960, 131 (♂*, ♀, L).
traubi Maedonald.—Malaya.

1960. Stud. Inst. med. Res. Malaya 20: 132 (♂*, ♀, L*
 Type-loc: Ulu Gombak, Selangor, Malaya (BM).

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Subgenus **LEICESTERIOMYIA** Brunetti

Leicesteriomyia Brunetti.—Place with *Chaetomyia* as synonym of subgenus *Leicesteria* (See p. 214 above).

flavus (Leicester).—Transfer with its synonyms to subgenus *Leicesteria* (See p. 214, above).

Nomina Dubia

obturbans (Walker).—Change "1860" to "1859" †.

Genus **HAEMAGOGUS** WillistonSubgenus **STEGOCONOPS** Lutz

216. *bareisi* Cerqueira.—Brazil.

1960. Bol. Mus. Goeldi, Zool. 25: 1 (♂*, ♀, L*, P*).
Type-loc: Igarapé de Tarumã, Manaus, Amazonas, Brazil (INPA).

Genus **CULISETA** FeltSubgenus **CULISETA** Felt

219. *glaphyoptera* (Schiner).—Sweden, Finland, Germany, Hungary, Yugoslavia, Bulgaria.

kanayamensis (Yamada).—Korea, China.

220. *tonnoiri* (Edwards).—Transfer to subgenus *Climacura* (See p. 221 below) †.

Subgenus **CULICELLA** Felt

drummondi (Dobrotworsky).—Australia.

1960. Proc. Linn. Soc. N. S. W. 85: 241 (♂*, ♀, L*, P*;
Theobaldia). Type-loc: Sylvan, Victoria (NMM).

minnesotae Barr.—Utah, Delaware.

221. *nipponica* LaCasse and Yamaguti.—Korea.

ochroptera (Peus).—China.

sylvanensis (Dobrotworsky).—Australia.

1960. Proc. Linn. Soc. N. S. W. 85: 245 (♂* ♀, L*, P*;
Theobaldia). Type-loc: Sylvan, Victoria (NMM).

otwayensis (Dobrotworsky).—Australia.

1960. Proc. Linn. Soc. N. S. W. 85: 246 (♂*, ♀, L*, P*;
Theobaldia). Type-loc: Cape Horn, Otway, Victoria (NMM.)

Subgenus **CLIMACURA** Howard, Dyar and Knab

tonnoiri (Edwards).—Transfer from subgenus *Culicella* where it had never been placed †. (See p. 220 above). Change "(?BM)" to "(CSIR)."

Genus **CULEX** LinnaeusSubgenus **LUTZIA** Theobald

223. *Lutzia* Theobald.—Change "*bigotii*" to "*bigoti*" †.

fuscanus Wiedemann.—Change "1821" to "1820" †.

Subgenus **BARRAUDIUS** Edwards

224. *modestus* Ficalbi.—Senevet and Andarelli, 1959, 80 (♂*, ♀, L*, P*).

pusillus Macquart.—Senevet and Andarelli, 1959, 85 (♂*, ♀, L*, P*).

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Spbgenus NEOCULEX Dyar

226. *deserticola* Kirkpatrick.—Syria. Senevet and Andarelli, 1959, 107 (δ^* , φ^* , P*, L*).
227. *judaicus* Edwards.—Senevet and Andarelli, 1959, 117 (δ^*).
228. *kingianus* Edwards.—Cameroun.
martinii Medsehid.—Hungary.

Subgenus LOPHOCERAOMYIA Theobald

232. *atracus* Colless.—New Ireland, New Britain.
1960. Proc. Linn. Soc. N. S. W. 84: 385 (δ^*). Type-loc: Kavieng, New Ireland (BM).
- christiani* Colless.—New Guinea.
1960. Proc. Linn. Soc. N. S. W. 84: 389 (δ^* , φ , L*^{*}).
Type-loc: Minj, Western Highlands, New Guinea (BM).
- cinctellus* Edwards.—Rynkyu Retto.
233. *fraudatrix* (Theobald).—Delete all distribution except New Guinea and Australia. Colless, 1960, 382 (δ^*).
234. *minor* (Leicester).—Rynkyu Retto.
235. *ornatus* (Theobald).—New Britain.
petersi Colless.—New Guinea.
1960. Proc. Linn. Soc. N. S. W. 84: 388 (δ^* , φ , L*^{*}).
Type-loc: Minj, Western Highlands, New Guinea (BM).
- pseudornatus* Colless.—New Guinea.
1960. Proc. Linn. Soc. N. S. W. 84: 386 (δ^* , φ). Type-loc: Edie Creek, New Guinea (BM).

Subgenus CULICIOMYIA Theobald

236. *Neomelanocouion* Theobald. This is based upon a misidentification of *Culex rima* Theobald, which actually belongs to the subgenus *Neoculex*. Since this would be a synonym whether based upon the true *rima* or on misidentified *rima* it is hardly necessary to decide which principles to follow. †
237. *muspratti* Hamon and Lambrecht.—Congo.
1959. Bull. Soc. Pat. exot. 52: 583 (δ^*). Type-loc: Irangi Forest, Kivu, "Belgian" Congo (IERT).
238. *ruthi*.—Change to "*ruthae*." Peters, 1959, 153 †.

Subgenus CULEX Linnaeus

241. *cousimilis* Taylor.—Change "8" to "55" †.
242. *atriceps* Edwards.
nigriceps Buxton, 1917. Bull. Soc. Etudes Ocean. 2: 307 (*lapsus* for *atriceps*) †.
243. *bitaeniorhynchus* Giles.—Natal.
abdominalis Taylor.—Change "7" to "53" †.
245. *deanei* Corrêa and Ramalho.—Brazil.
1959. Inst. Med. trop. S. Paulo Rev. 1: 141 (δ^* , φ , L*^{*}, P). Type-loc: Campo de Marte, bairro de Santana, São Paulo, Brazil (FH).
- minutus* Theobald.—Change "type φ " to "syntype φ " †.
246. *dolosus* (Lynch Arribáizaga). Change "MLP" to "NE."
minutus Theobald.—Change "type δ " to "syntype δ^* " †.
247. *forattinii* Corrêa and Ramalho.—Brazil.
1959. Rev. bras. Malariol. (Doenças trop.) 11: 55 (δ^*).
Type-loc: Santa Cruz de Rio Pardo, São Paulo, Brazil (FMSP).

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248. *guiarti* Blanchard.—Muspratt, 1959, 71 (δ , taxonomy).
 249. *ingrami* Edwards.—Service, 1959, 1 (L*).*
 250. *jacksoni* Edwards.—Maritime Province, U.S.S.R.
 251. *mattinglyi* Knight.—Syria.
 253. *perfuscus* Edwards.—Natal.
 256. *goughii* Theobald.—Change “type δ ” to “syntype δ ” †.
 258. *pseudovishnui* Colless.—Change “Singapore, Malaya” to “Oriental Region” †.
renatoi Lane and Ramalho.—Brazil.
 1960. Rev. bras. Ent. 9: 173 (δ *, φ , L*, P*). Type-loc: Bairro de São Miguel Paulista, Capital, São Paulo, Brazil (FMSP).
 259. *scimitar* Branch and Seabrook.—Bahama Islands.
 1959. Proc. ent. Soc. Wash. 61: 217 (δ *, φ). Type-loc: Hog Island, Bahama Islands (USNM).
sinaiticus Kirkpatrick.—Transjordan, Israel.
 260. *impellens* Walker.—Change “1860” to “1859” †.
paludis Taylor.—Change “9” to “56” †.
 262. *thalassius* Theobald.—Natal, Syria.
toroensis Edwards and Gibbins.—Cameroun. Service, 1959, 1 (L).
toroensis macrophyllus Edwards and Gibbins.—Cameroun.
torrentium Martini.—Senevet and Andarelli, 1959, 203 (δ *, φ , L, P).
 263. *tritaeniorhynchus summosus* Dyar.—Maritime Province, U.S.S.R.
 264. *goughii* Theobald.—Change “type φ ” to “syntype φ ” †.
vishnui Theobald.—Change entire distribution to “India” †.

Subgenus **MELANOCONION** Theobald

266. *albinensis* Bonne-Wepster and Bonne.—French Guiana.
atratus Theobald.—Delete French Guiana.
 267. *breviculus* Senevet and Abonnene.—Transfer to subgenus *Aedinus* (see p. 281 below).
 268. *comminutor* Dyar.—Trinidad.
corentynensis Dyar.—French Guiana.
 269. *crybda* Dyar.—Trinidad.
dunni Dyar.—Trinidad.
educator Dyar and Knab.—French Guiana.
 270. *elevator* Dyar and Knab.—French Guiana.
 271. *evansae* Root.—Trinidad.
idottus Dyar.—Trinidad. Transfer to this species the following references from *thomasi* (p. 276 below): Senevet and Abonnene, 1939a; Floch and Abonnene, 1945; Foote, 1954 (Fauran, *in litt.*).
 272. *johnsoni* Galindo and Blanton.—Panama.
 1961. Ann. ent. Soc. Amer. 54: 1 (δ *). Type-loc: Pacora, Panama (USNM).
keenani Galindo and Blanton.—Panama.
 1961. Ann. ent. Soc. Amer. 54: 1 (δ *). Type-loc: Pacora, Panama (USNM).
maxinocca Dyar.—French Guiana.
 273. *mesodenticulatus* Galindo and Blanton.—Panama.
 1961. Ann. ent. Soc. Amer. 54: 2 (δ *). Type-loc: Almirante, Bocas del Toro Province, Panama (USNM).
nigrescens (Theobald).—Change “Guina” to “Guiana” †.

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274. **phlogistus** Dyar.—Brazil, French Guiana, Panama.
plectoporpe Root.—New synonymy (Fauran, *in litt.*).
vidali Floch and Fauran.—New synonymy (Fauran, *in litt.*).
plectoporpe Root.—Synonym of *phlogistus* (see above).
putumayensis Matheson.—Trinidad.
275. **annulipes** Theobald.—Insert "*Melanoconion*" after "♀*" †.
276. **theobaldi** (Lutz).—French Guiana.
thomasi Dyar.—Delete "Senevet—taxonomy)" which properly refer to *idotus* Dyar (Fauran, *in litt.*).
vidali Floch and Fauran.—Transferred to synonymy under *phlogistus* (See p. 274, above).
vomerifer Komp.—Trinidad.

Subgenus MOCHLOSTYRAX Dyar and Knab

277. **alogistus** Dyar.—French Guiana.
arboricolus Galindo and Blanton.—Panama.
 1961. Ann. ent. Soc. Amer. 54: 3 (♂*, L*, P*). Type-loc: Cerro La Victoria, Panama (USNM).
caudelli (Dyar and Knab).—French Guiana.
pilosus (Dyar and Knab).—Trinidad.
278. **unicornis** Root.—French Guiana.

Subgenus EUBONNEA Dyar

280. **accelerans** Root.—Trinidad, French Guiana.
amazonensis (Lutz).—Trinidad, French Guiana.

Subgenus AEDINUS Bourroul

281. **breviculus** Senevet and Abonnene.—Brazil. Transferred from subgenus *Melanoconion* (See p. 267 above) (Fauran, *in litt.*).
mojuensis Duret and Damasceno.—New synonymy (Fauran, *in litt.*).
282. **mojuensis** Duret and Damasceno.—(See above).
bonnei Dyar.—Transfer to this species the following reference from *iridescens* (p. 283 below): Senevet and Abonnene, 1939a (Fauran, *in litt.*).
283. **iridescens** (Lutz).—Delete French Guiana and Senevet and Abonnene's reference which properly belongs to *bonnei* (Fauran *in litt.*).
mathesoni Anduze.—French Guiana.

Genus DEINOCERITES Theobald

284. **trogloidytes** Dyar and Knab.—Transfer to synonymy under *magnus* (See p. 285 below). †.
monospathus Dyar and Knab.—Transfer to synonymy under *melanophylum* (See p. 285 below) †.
285. **magnus** (Theobald).—French Guiana.
trogloidytes Dyar and Knab.—Belkin and Hogue, 1959: 430 (syn.) †.
melanophylum Dyar and Knab.
monospathus Dyar and Knab.—Belkin and Hogue, 1959: 434 (syn.) †.

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Nomina Nuda

288. *colon*.—This should have been credited to Harris, not Johnson, and the reference should be, 1835, Harris, in Hitchcock, Rept. Geol. Mass., 2nd Ed.: 595 †.
guttatulus Harris.—Transfer from p. 27.
sahaliensis Senevet and Andarelli.—Change to "*saheliensis*" †.

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290. **Assem, J. van den.** 1959. Notes on New Guinean species of *Tripteroides*, subgenus *Rachisoura* (Diptera, Culicidae), with descriptions of two new species. Tijdsch. Ent. 102: 35-55, illus.
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292. **Belkin, J. N. and C. L. Hogue.** 1959. A review of the erabhole mosquitoes of the genus *Deinocerites* (Diptera, Culicidae). Univ. Calif. Publ. Ent. 14: 411-458, illus.
293. **Bonne-Wepster and Brug.** 1932.—Insert "Bijblad" after "Ned.-Ind." †.
Bonne-Wepster and Brug. 1937a.—Change "7" to "77" †.
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Type Depositories

327. CMT. Change to Musée Royal de l'Afrique Centrale, Tervuren, Brussels, Belgium.
328. IBBA. This is the same as INM and the collection is in the Departamento de Entomología Sanitaria, Instituto Nacional de Microbiología, Av. Velez Sarsfield 514, Buenos Aires, Argentina.
- INPA. Instituto Nacional de Pesquisas de Amazonia, Belém, Para, Brazil.
- MEPRA. This collection is in the Instituto de Microbiología y Parasitología, Facultad de Medicina, Paraguay 2200, Buenos Aires, Argentina.
329. RIE. Department of Medical Zoology, Research Institute of Endemias, Nagasaki University, Japan.
330. Brazil (INPA), Japan (RIE).

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335. *bifurcatus* Linnaeus.—Also p. 17.
- brucei* Del Ponte and Cerquiera.—Change to *brucei* †.
337. *chrysothorax* Newstead and Thomas.—Change "268" to "276" †.
- chrysothorax* (Peryassú).—Change "276" to "268" †.
- cornutus* Edwards.—Change "244" to "245" †.
- coronator* Dyar.—Change "244" to "245" †.
339. *domesticus* Galvao and Damasceno.—Change "30" to "21" †.
340. *filipes* (Walker).—Change "71" to "70" †.

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341. *Grabhamia* Theobald.—Change to **Grabhamia** †.
Grahamia Theobald.—Change to *Grahamia* †.
 344. lampropus (Howard, Dyar and Knab.)—Change “75” to “76” †.
 347. marshallii (Theobald).—Change “49” to “48” †.
 348. muticus Edwards.—Change “237” to “238” †.
 349. nigropunctatus Edwards.—Change “237” to “238” †.
 350. ornatothoracis Theobald.—Change “252” to “253” †.
Pallidocephala Theobald.—Change to *pallidocephala* †.
 352. Insert, “*Promacleaya* Surcouf and Gonzalez158” †.
 354. sacharovi.—Change “Favr” to “Favr” †.
 356. *sylvicola* Grossbeck.—Change “147” to “146” †.

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